

TechPort Data Structure

National Aeronautics and
Space Administration



The TechPort data structure is designed to align with NASA's structure for funding technology development activities. NASA's basic hierarchy for funding the development of technology is shown in the graphic at right. NASA's Mission Directorates fund technology Programs that are comprised of Projects. Similarly, NASA Offices (such as the Office of Safety and Mission Assurance) and Centers fund technology Programs and Projects. Each Program or Project may develop multiple technologies.

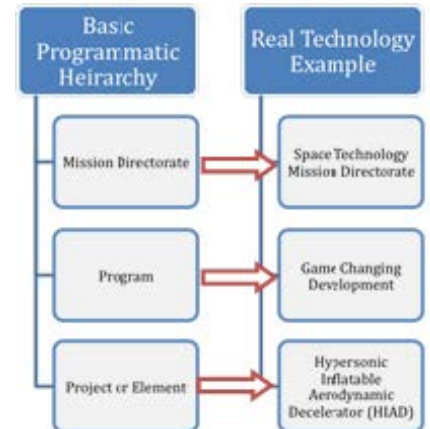
TechPort contains individual records for NASA technology Programs and Projects. Program records list all Projects containing technology work and specific technology Projects that are controlled at the Program level. Program and Projects contain records with management and technical data (e.g., responsible Program Manager, Project Manager, and technology readiness level) on the technologies under development for that Project.

This organization of TechPort data was designed to enable users to easily search for technology Projects by mirroring the hierarchy NASA uses to fund and manage its Programs and Projects. The Advanced Search tool also allows users to search by Mission Directorate, Office, Field

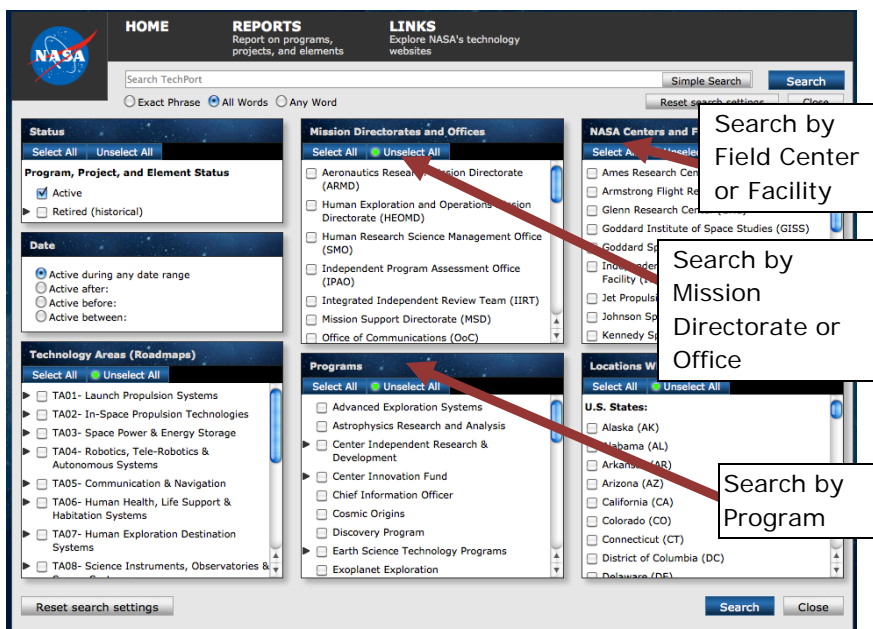
Center, or Facility. You may also search by other parameters such as technology area and states with work.

Additionally, you can search by Project by simply searching with any key word in the white box at the top of the TechPort screen.

To learn more about how NASA is organized, see the NASA Policy Directive 1000.3, The NASA Organization at <http://nodis3.gsfc.nasa.gov/displayDir.cfm?t=NPD&c=1000&s=3B>



Example Mission Directorate Hierarchy: TechPort data structure reflects this hierarchy.



TechPort Advanced Search Interface: Allows users to quickly search by mirroring the NASA hierarchy